

**EFR32MG1P232F256GM48-B0R Information**


For Reference Only

**Part Number** [EFR32MG1P232F256GM48-B0R](#)  
**Manufacturer** Silicon Labs  
**Category** RF/IF and RFID  
[RF Transceiver ICs](#)  
**Description** IC MCU 32BIT 256KB 48QFN  
**Package** 48-VFQFN Exposed Pad  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**EFR32MG1P232F256GM48-B0R Specifications**

Manufacturer Part Number	<a href="#">EFR32MG1P232F256GM48-B0R</a>
Manufacturer	Silicon Labs
Category	RF/IF and RFID <a href="#">RF Transceiver ICs</a>
Package	48-VFQFN Exposed Pad
Series	Mighty Gecko
Type	TxRx + MCU
RF Family/Standard	802.15.4, Bluetooth
Protocol	Bluetooth v4.0, Zigbee?
Modulation	DSSS, O-QPSK, GFSK
Frequency	2.4GHz
Data Rate (Max)	1Mbps
Power - Output	19.5dBm
Sensitivity	-99dBm
Memory Size	256kB Flash, 32kB RAM
Serial Interfaces	I2C, I2S, SPI, UART
GPIO	31
Voltage - Supply	3.3V
Current - Receiving	8.6mA ~ 9.1mA
Current - Transmitting	8.2mA
Operating Temperature	-40°C ~ 85°C
Package / Case	48-VFQFN Exposed Pad

[Report errors?](#)

## EFR32MG1P232F256GM48-B0R Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## EFR32MG1P232F256GM48-B0R Payment Methods



## EFR32MG1P232F256GM48-B0R Shipping Methods



If you have any question about EFR32MG1P232F256GM48-B0R, please do not hesitate to contact us!

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